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L4: Entry 28 of 101

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Aug 19, 1987

PUB-NO: JP362189512A

DOCUMENT-IDENTIFIER: JP 62189512 A

TITLE: AUTOMATIC CONTROLLER FOR STEERING VEHICLE

PUBN-DATE: August 19, 1987

INVENTOR-INFORMATION:

NAME

COUNTRY

ONO, TOYOICHI

ONO, YOSHIHISA

TAKEDA, SHINICHI

SAKANISHI, SHOICHI

ASSIGNEE-INFORMATION:

NAME

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KOMATSU LTD

APPL-NO: JP61032144

APPL-DATE: February 17, 1986

US-CL-CURRENT: 701/23; 701/41

INT-CL (IPC): G05D 1/02

ABSTRACT:

PURPOSE: To stably continue and automatic steering travel by switching a hydraulic pump in an unload state if an electromagnetic flow control valve is at a neutral position and preventing in long hours operation the rise of the temperature of hydraulic oil, which is caused by supplying unnecessary hydraulic oil from the hydraulic pump.

CONSTITUTION: An operation decision part 18 compares the absolute value of a deviation ϵ ; calculated by an arithmetic part 15 with a threshold (a) used for detecting the neutral position of a servo valve 11. If ϵ ;

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